

STATE OF HAWAII
DEPARTMENT OF LAND AND NATURAL RESOURCES
Engineering Division
Honolulu, Hawaii

January 13, 2006

Board of Land and Natural Resources
State of Hawaii
Honolulu, Hawaii

**Approval of Amendment to the
Plan of Operation for Puna Geothermal Venture,
Geothermal Resources Mining Lease R-2, Kapoho, Puna, Hawaii**

As required by Geothermal Resources Mining Lease R-2 (GRML R-2) and Chapter 13-183, Hawaii Administrative Rules, Puna Geothermal Venture (PGV), sublessee, has submitted for Board of Land and Natural Resources approval a request for amendment to the Plan of Operation for the development of fourteen (14) additional geothermal wells for future expansion to 60 megawatts (MW) of power. The request encompasses the designation of fourteen (14) additional wells, well sites to accommodate the additional wells, and a potential site for additional power generating equipment.

PGV currently has approval in the Plan of Operation for 14 geothermal wells to supply the Hawaii Electric Light Company (HELCO) with up to 30 MW of power. It is the intent of PGV to provide HELCO with additional output to meet HELCO's needs up to 60 MW, which PGV is permitted under the County of Hawaii Geothermal Resource Permit. PGV is presently in negotiation with HELCO to provide an additional 8 MW of electricity by the end of 2007.

RECOMMENDATION:

That the Board of Land and Natural Resources approve the amendment to the Plan of Operation submitted by Puna Geothermal Venture for fourteen (14) additional geothermal wells and future expansion to 60 MW of power for the geothermal project on GRML R-2, subject to the following conditions:

1. That Puna Geothermal Venture comply with all applicable statutes, ordinances, rules and regulations of the Federal, State, and County governments.
2. Other terms and conditions as may be prescribed by the Chairperson.

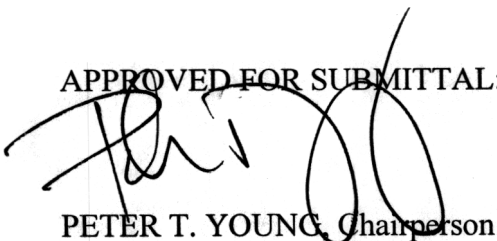
Attachment

Respectfully submitted,



ERIC T. HIRANO
Chief Engineer

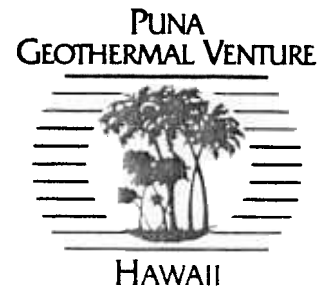
APPROVED FOR SUBMITTAL:



PETER T. YOUNG, Chairperson

ITEM L-1

Post Office Box 30
14-3860 Kapoho Paho Rd
Pahoa, Hawaii 96778
Telephone (808) 965-6233
Facsimile (808) 965-7254



November 17, 2005

Mr. Peter Young
Department of Land and Natural Resources
State of Hawaii
P.O. Box 621
Honolulu, HI 96809

SUBJECT: PLAN OF OPERATION MODIFICATION

Dear Mr. Young:

Puna Geothermal Venture (PGV) hereby requests a modification to the Plan of Operation. Currently, PGV has approval in the Plan of Operation for the development of fourteen (14) geothermal wells. These 14 wells have been designated to supply the existing power plant with the production and injection resources required to fulfill the 30-megawatt contract with the utility.

PGV has recently completed the re-drilling of existing production well Kapoho State 10 (KS-10) and the drilling of a new production well Kapoho State 6 (KS-6). Both of these wells are in service and supplying the power plant with steam to ensure the stability of power generation. Presently Kapoho State 13 (KS-13) is near completion. The intent is to utilize KS-13 for injection purposes.

For future expansion to 60 megawatts, PGV requests approval for an additional 14 geothermal development wells. These additional wells will supply production and injection resources required for expansion to 60 megawatts. PGV respectfully requests approval from the Department of Land and Natural Resources (DLNR) for the designation of 14 additional wells, well sites to accommodate the additional wells, and a potential site for additional power generating equipment.

Additionally, PGV seeks to amend the plan of operation to reference 60 megawatts of output and the additional power generating equipment needed to achieve 60 megawatts. PGV is currently in negotiations with Hawaiian Electric Light Company (HELCO) to provide an additional 8 megawatts of electricity by the end of 2007. It is the intent of PGV to provide HELCO with additional output to match their needs up to the 60 megawatts, which we are currently permitted under the County of Hawaii Geothermal Resource Permit.

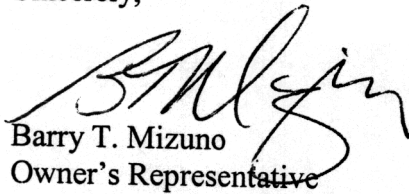
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We certify that this document and all attachments are true, accurate, and complete, pursuant to HAR 11-60.1-4.

Mr. Peter Young
November 18, 2005
Page 2

Attached please find a map (Figure 1) showing the 14 additional wells, their projected well sites and a potential power plant site. Table 1 designates the name and location of each well. The exact wellhead coordinates have not been finalized at this time. The wellhead coordinates will be submitted to DLNR as part of the drilling permit application prior to the commencement of drilling.

Should you have any questions, please do not hesitate to call me at (808) 965-6233.

Sincerely,



Barry T. Mizuno
Owner's Representative

cc: Eric Tanaka, DLNR

Enclosures: Figure 1
Table 1

[illegible]

State of Hawaii
DEPARTMENT OF LAND AND NATURAL RESOURCES
Engineering Division
Honolulu, Hawaii 96813

January 13, 2006

Board of Land and Natural Resources
State of Hawaii
Honolulu, Hawaii

**Approval for Award of Construction Contract – Job No. F00CF35A
Individual Wastewater System Improvements at
Akaka Falls State Park
Hilo, Hawaii**

Bids for the subject project were received and opened on December 8, 2005, the results and recommendations are as follows:

<u>Bidder</u>	<u>Total Sum Bid</u>
Ludwig Construction, Inc.	\$239,357.00
Big Island Excavating, LLC	\$443,700.00
Isemoto Contracting Co., Inc.	\$590,150.00
Abhe & Svoboda	\$977,770.00

The project consists of the installation of a new individual wastewater system and the closure of the existing cesspool. The new individual wastewater system consists of a septic tank, leach field, distribution boxes, sewer pipes, and related miscellaneous work.

Funds for this project are available from Act 200, SLH 2003, Item H-1, as amended by Act 41, SLH 2004, Item H-1 and have been released by the Governor.

RECOMMENDATION:

That the Board award DLNR Job No. F00CF35A, Individual Wastewater System Improvements at Akaka Falls State Park, Hilo, Hawaii to the Contractor, Ludwig Construction, Inc., for the proposal amount of \$239,357.00 and that the Board authorize the Chairperson to enter into a contract and sign the necessary documents to implement the project.

Respectfully submitted,



ERIC T. HIRANO
Chief Engineer

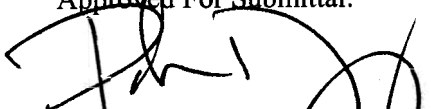
Requested by:



DANIEL S. QUINN, Administrator
Division of State Parks



Approved For Submittal:



PETER T. YOUNG, Chairperson
Department of Land and Natural Resources

ITEM L-2

State of Hawaii
DEPARTMENT OF LAND AND NATURAL RESOURCES
Engineering Division
Honolulu, Hawaii 96813

January 13, 2006

Board of Land and Natural Resources
State of Hawaii
Honolulu, Hawaii

**Approval for Award of Construction Contract – Job No. J00CF64A
ADA Barrier Removal, Mauna Kea SRA, North Hilo, Hawaii**

Bids for the subject project were received and opened December 15, 2005. The results and recommendations are as follows:

<u>Bidder</u>	<u>Total Sum Bid</u>
Site Engineering, Inc.	\$290,139.45
Stan's Contracting, Inc.	\$298,300.00
Isemoto Contracting Co., Ltd.	\$301,900.00
Central Construction, Inc.	\$397,606.82
Abhe & Svoboda, Inc.	\$591,610.00

The project consists of renovating comfort stations, cabins, and buildings, constructing concrete walkways, railings, ramps, accessible parking stalls, and related miscellaneous work.

Funds for this project are available from Act 178, SLH 2006, Item D-3 and have been released by the Governor.

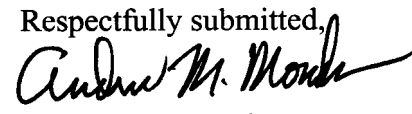
RECOMMENDATION:

That the Board award DLNR Job No. J00CF64A, ADA Barrier Removal Project, Mauna Kea State Recreation Area, North Hilo, Hawaii to the Contractor, Site Engineering, Inc., for the proposal amount of \$290,139.45 and that the Board authorize the Chairperson to enter into a contract and sign the necessary documents to implement the project.

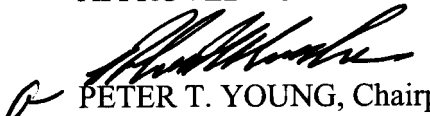
Requested by:


DANIEL S. QUINN, Administrator
Division of State Parks

Respectfully submitted,


For ERIC T. HIRANO
Chief Engineer

APPROVED FOR SUBMITTAL:


PETER T. YOUNG, Chairperson

ITEM L-3

State of Hawaii
DEPARTMENT OF LAND AND NATURAL RESOURCES
Engineering Division
Honolulu, Hawaii 96813

January 13, 2006

Board of Land and Natural Resources
State of Hawaii
Honolulu, Hawaii

**Approval for Award of Construction Contract – Job No. J00CH87B
ADA Barrier Removal, Kekaha Kai State Park, Kona, Hawaii**

Bids for the subject project were received and opened December 15, 2005. The results and recommendations are as follows:

<u>Bidder</u>	<u>Total Sum Bid</u>
James Ishii General Contractor	\$160,770.00
Isemoto Contracting Co., Ltd.	\$226,680.00
Abhe & Svoboda, Inc.	\$226,680.00


The project consists of constructing concrete walkways, railings, ramps, accessible parking stalls, and related miscellaneous work.

Funds for this project are available from Act 178, SLH 2005, Item D-3, and have been released by the Governor.

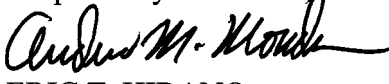
RECOMMENDATION:

That the Board award DLNR Job No. J00CH87B, ADA Barrier Removal Project, Kekaha Kai State Park, Kona, Hawaii to the Contractor, James Ishii General Contractor, for the proposal amount of \$160,770.00 and that the Board authorize the Chairperson to enter into a contract and sign the necessary documents to implement the project.

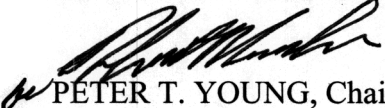
Requested by:


DANIEL S. QUINN, Administrator
Division of State Parks

Respectfully submitted,


ERIC T. HIRANO
Chief Engineer

APPROVED FOR SUBMITTAL:


PETER T. YOUNG, Chairperson

ITEM L-4

State of Hawaii
DEPARTMENT OF LAND AND NATURAL RESOURCES
Engineering Division
Honolulu, Hawaii 96813

January 13, 2006

Board of Land and Natural Resources
State of Hawaii
Honolulu, Hawaii

Approval for Award of Construction Contract:
Job No. J00CF29A, Kukaniloko Birthstones State Monument
ADA Barrier Removal, and
Job No. J00CF23A, Puu O Mahuka Heiau State Monument
ADA Barrier Removal,
Oahu, Hawaii

The above projects were combined into one bid package. Bids were received and opened on December 15, 2005. The results and recommendations are as follows:

<u>Bidder</u>	<u>Total Sum Bid</u>
Site Engineering, Inc.	\$57,212.81
BCP Construction of Hawaii, Inc.	\$68,628.00

The projects consist of the construction of parking stalls, including striping and signage, and concrete walkways and miscellaneous work. Funds for this project are available from Act 178, SLH 2005, Item D-3, which have been released by the Governor.

RECOMMENDATION:

That the Board award DLNR Job No. J00CF29A, Kukaniloko Birthstones State Monument ADA Barrier Removal, and Job No. J00CF23A, Puu O Mahuka Heiau State Monument, ADA Barrier Removal, Oahu, Hawaii, to the Contractor, Site Engineering, Inc., for the proposal amount of \$57,212.81, and that, the Board authorizes the Chairperson to enter into a contract and sign the necessary documents to implement the project.

Respectfully submitted,



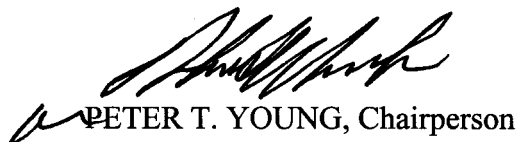
For ERIC T. HIRANO
Chief Engineer

Requested by:



DANIEL S. QUINN, Administrator
Division of State Parks

APPROVED FOR SUBMITTAL:



PETER T. YOUNG, Chairperson

ITEM L-5

State of Hawaii
DEPARTMENT OF LAND AND NATURAL RESOURCES
Engineering Division
Honolulu, Hawaii 96813

January 13, 2006

Board of Land and Natural Resources
State of Hawaii
Honolulu, Hawaii

**Approval for Award of Construction Contract – Job No. J00CF54B
Wailua River State Park, Kuamoo Road Facilities ADA Barrier Removal
Wailua, Kauai, Hawaii**

Bids for the subject project were received and opened on December 15, 2005. The results and recommendations are as follows:

<u>Bidder</u>	<u>Total Sum Bid</u>
Site Engineering, Inc.	\$222,034.54
TOMCO CORP	\$152,000.00
Kauai Builders, Ltd.	\$280,303.00


The project consists of constructing a parking stall, a walkway, picnic table, an outdoor shower, water fountains, restroom renovation and miscellaneous work. Funds for this project are available from Act 178, SLH 2005, Item D-3, and Act 41, 2004, Item H-1.01 which have been released by the Governor.

The low bidder, TOMCO CORP, did not list a C-31, Masonry licensed subcontractor in their bid. According to Section 103D-302(b) HRS, all subcontractors whose scope of work is more than 1% of the total bid amount are required to be listed in the bid proposal.


RECOMMENDATION:

That the Board disqualify the low bidder, TOMCO CORP, and award Job No. J00CF54B, Wailua River State Park, Kuamoo Road Facilities ADA Barrier Removal, Wailua, Kauai, Hawaii, to the Contractor, Site Engineering, Inc., for the proposal amount of \$222,034.54, and that, the Board authorizes the Chairperson to enter into a contract and sign the necessary documents to implement the project.

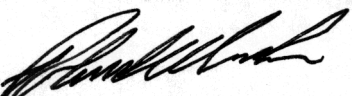
Requested by:


DANIEL S. QUINN, Administrator
Division of State Parks

Respectfully submitted,


ERIC T. HIRANO
Chief Engineer

APPROVED FOR SUBMITTAL


PETER T. YOUNG, Chairperson

ITEM L-6

State of Hawaii
DEPARTMENT OF LAND AND NATURAL RESOURCES
Engineering Division
Honolulu, Hawaii

January 3, 2006

Board of Land and Natural Resources
State of Hawaii
Honolulu, Hawaii

Approval for Award of Construction Contract – Job No. J00C105A
Wiliwili Nui Trail ADA Barrier Removal
Honolulu, Oahu, Hawaii

Bids for the subject project were received and opened on December 15, 2005. The results and recommendations are as follows:

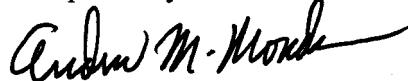
<u>Bidder</u>	<u>Total Sum Bid</u>
Haron Construction, Inc.	\$35,575.00
Site Engineering, Inc.	\$46,731.60
BCP Construction of Hawaii, Inc.	\$47,960.00
R.I. Namba Construction, Inc.	\$57,590.00
Nilisoni Landscaping, Inc.	\$77,303.00

The project consists of constructing a parking stall and a walkway, installation of various signs and posts, gate relocation, and miscellaneous related work. Funds for this project are available from Act 178, SLH 2005, Item D-3, which have been released by the Governor.

RECOMMENDATION

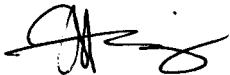
That the Board award DLNR Job No. J00C105A, Wiliwili Nui Trail ADA Barrier Removal, Honolulu, Oahu, Hawaii to the Contractor, Haron Construction, Inc., for the proposal amount of \$35,575.00, and that the Board authorizes the Chairperson to enter into a contract and sign the necessary documents to implement the project.

Respectfully submitted,



for ERIC T. HIRANO
Chief Engineer

Requested by:



for PAUL CONRY, Administrator
Division of Forestry and Wildlife

APPROVED FOR SUBMITTAL



PETER T. YOUNG, Chairperson

ITEM L-7